

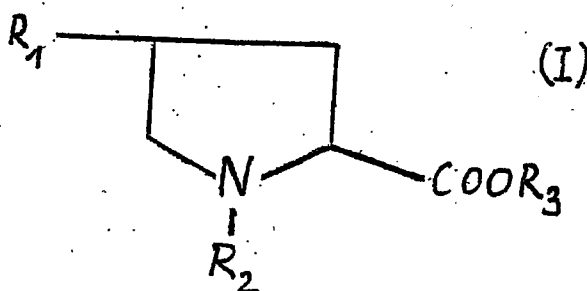
Amendments to the Claims:

Please amend claims 1 to 46 as set forth hereinafter.

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A compound of general formula (I),



wherein

R_1 is a hydroxy, aryl or amino acid group,

R_2 is hydrogen, an alkyl (C_1 - C_4), a substituted alkyl (C_1 - C_4) group, a dialkyl (C_1 - C_4), a cyclohexyl, a phenyl or diphenyl group,

R_3 is an alkyl (C_2 - C_5) group,

and/or salts thereof,

with the proviso that, if R_1 is a hydroxy group, R_2 is not a methyl group,

said compound being selected from the group comprising 4-hydroxy-1,1-dimethylproline ethyl ester iodide, 4-hydroxyproline isobutyl ester, 4-hydroxy-1,1-dimethylproline isobutyl ester iodide, 4-hydroxy-1-cyclohexylproline isobutyl ester, 4-hydroxy-1,1-diphenylmethylproline isobutyl ester hydrobromide, 4-hydroxy-1-methylproline ethyl ester, 4-hydroxy-1-methylproline isobutyl ester and/or 1-methyl-4-phenylaminocarbonyloxyproline isobutyl ester, and, if R_1 is a hydroxy group, said compounds may have a methyl group in position R_2 .

2. (Currently Amended) A pharmaceutical agent comprising a compound according

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to the ~~preceding~~ claim 1, optionally together with conventional auxiliaries, preferably pharmaceutically acceptable carriers, adjuvants and/or vehicles.

3. (Currently Amended) The pharmaceutical agent according to the ~~preceding claim,~~
~~characterized in that~~ claim 2, wherein
the carriers are selected from the group comprising fillers, diluents, binders, humectants, disintegrants, dissolution retarders, absorption enhancers, wetting agents, adsorbents and/or lubricants.
4. (Currently Amended) The pharmaceutical agent according to ~~any of claims 2 or 3,~~
~~characterized in that~~ claim 2, wherein
the carriers are liposomes, siosomes and/or niosomes.
5. (Currently Amended) The pharmaceutical agent according to ~~any of claims 2 to 4,~~
~~characterized in that~~ claim 2, wherein
the agent additionally comprises a chemotherapeutic agent.
6. (Currently Amended) The pharmaceutical agent according to the ~~preceding claim,~~
~~characterized in that~~ claim 5, wherein
the chemotherapeutic agent is selected from the group comprising oxoplatin, cis-oxoplatin, taxol, gemcitabine, vinorelbine, paclitaxel, cyclosporin and/or a combination thereof.
7. (Currently Amended) The pharmaceutical agent according to ~~any of claims 2 to 6,~~
~~characterized in that~~
~~it also comprises~~ claim 2, further comprising one or more additional agents from the group of antiviral, antimycotic, antibacterial and/or immunostimulatory agents.
8. (Cancelled)

9. (Currently Amended) ~~Use of~~ Method for the diagnosis, prophylaxis, follow-up, therapy, and/or aftercare of a disease associated with cell growth, cell differentiation and/or cell division, comprising administering to a person in need thereof and/or benefiting therefrom 4-hydroxyproline ethyl ester, 4-hydroxy-1,1-dimethylproline ethyl ester iodide, 4-hydroxyproline isobutyl ester, 4-hydroxy-1,1-dimethylproline isobutyl ester iodide, 4-hydroxy-1-cyclohexylproline isobutyl ester, 4-hydroxy-1-diphenylmethylproline isobutyl ester hydrobromide, 4-hydroxy-1-methylproline, 4-hydroxy-1-methylproline ethyl ester, 4-hydroxy-1-methylproline isobutyl ester, 1-methyl-4-phenylaminocarbonyloxyproline, 1-methyl-4-phenylaminocarbonyloxyproline isobutyl ester, (R)-(+)- α,α -diphenyl-2-pyrrolidinemethanol and/or (S)-(-)- α,α -diphenyl-2-pyrrolidinemethanol and/or derivatives, metabolites, enantiomers and/or isomers thereof in ~~the~~ a diagnosis, prophylaxis, follow-up, therapy, and/or aftercare of diseases associated with cell growth, cell differentiation and/or cell division effective amount, wherein said disease ~~being~~ is a tumor.
10. (Currently Amended) ~~The use according to preceding claim,~~
~~characterized in that~~ method of claim 9, wherein
the tumor ~~disease is~~ diseases are selected from the group of a neoplastic tumors ~~tumor, an inflammatory tumors tumor, abscesses, effusions and/or edemas~~ an abscess, effusion and/or edema.
11. (Currently Amended) ~~The use according to the preceding claim,~~
~~characterized in that~~ method of claim 9, wherein
the tumor is a solid tumor or a leukemia.
12. (Currently Amended) ~~The use according to the preceding claim,~~
~~characterized in that~~ method of claim 11, wherein
the solid tumor is a tumor of the urogenital tract and/or gastrointestinal tract.

13. (Currently Amended) ~~The use according to any of claims 8 to 12,~~
~~characterized in that method of claim 9, wherein~~
the tumor is a colon carcinoma, stomach carcinoma, pancreas carcinoma, small intestine carcinoma, ovarian carcinoma, cervical carcinoma, lung carcinoma, prostate carcinoma, mammary carcinoma, renal cell carcinoma, a brain tumor, head-throat tumor, liver carcinoma, and/or a metastase of the above tumors.
14. (Currently Amended) ~~The use according to any of claims 8 to 13,~~
~~characterized in that method of claim 11, wherein~~
the solid tumor is a mammary, bronchial, colorectal, and/or prostate carcinoma and/or a metastase of the above tumors.
15. (Currently Amended) ~~The use according to any of claims 8 to 14,~~
~~characterized in that method of claim 12, wherein~~
the tumor of the urogenital tract is a bladder carcinoma and/or a metastase of such tumors.
16. (Currently Amended) ~~The use according to any of claims 8 to 15,~~
~~characterized in that method of claim 9, wherein~~
said follow-up is monitoring the effectiveness of an anti-tumor treatment.
17. (Currently Amended) ~~The use according to any of claims 8 to 16,~~
~~characterized in that~~ A method for the prophylaxis, prevention, diagnosis, attenuation, therapy, follow-up and/or aftercare of metastasizing, invasion, infiltration, tumor growth and/or angiogenesis comprising administering to a person in need thereof and/or benefiting therefrom
~~at least one compound according to claim 1 and/or a pharmaceutical agent according to any of claims 2 to 7 are employed in the claim 2 in a prophylaxis, prevention, diagnosis, attenuation, therapy, follow-up and/or aftercare of metastasizing, invasion, infiltration, tumor growth and/or angiogenesis~~ effective amount.

18. (Currently Amended) ~~The use according to any of claims 8 to 17,~~
~~characterized in that~~ method of claim 17, wherein
said follow-up is monitoring the effectiveness of an anti-tumor treatment.
19. (Currently Amended) ~~The use according to any of claims 8 to 18,~~
~~characterized in that~~
~~at least one compound according to claim 1 and/or a pharmaceutical agent~~
~~according to any of claims 2 to 7 are employed in~~ method of claim 17, wherein
the methods are used as part of a combined therapy.
20. (Currently Amended) ~~The use according to the preceding claim,~~
~~characterized in that~~
said combined therapy comprises of claim 19 further comprising a
chemotherapy, a treatment with cytostatic agents and/or a radiotherapy.
21. (Currently Amended) ~~The use according to the preceding claim,~~
~~characterized in that~~
the combined therapy of claim 19 further comprising ~~comprises~~ an adjuvant,
biologically specified form of therapy.
22. (Currently Amended) ~~The use according to the preceding claim,~~
~~characterized in that~~ method of claim 21, wherein
said form of therapy is an immune therapy.
23. (Currently Amended) ~~The use according to any of claims 8 to 22 to increase the~~
method of claim 17, wherein said method increases sensitivity of tumor cells to
cytostatic agents and/or radiation.
24. (Currently Amended) ~~The use according to any of claims 8 to 23 for inhibiting the~~
method of claim 17, wherein said method inhibits viability, the proliferation rate of
cells in order to induce apoptosis and/or cell cycle arrest.

25. (Currently Amended) The use according to any of claims 8 to 24, characterized in that at least one compound according to claim 1 and/or a pharmaceutical agent according to any of claims 2 to 7 are prepared as pharmaceutical agent of claim 2, wherein said agent is in form of a gel, poudrage, powder, tablet, sustained-release tablet, premix, emulsion, brew-up formulation, drops, concentrate, granulate, syrup, pellet, bolus, capsule, aerosol, spray and/or inhalant and/or inhalant and applied in this form.
26. (Currently Amended) The use according to the preceding claim, characterized in that at least one compound according to claim 1 and/or a pharmaceutical agent according to any of claims 2 to 7 are present pharmaceutical agent of claim 2, wherein said agent is present in a preparation at a concentration of from 0.1 to 99.5, preferably from 0.5 to 95.0, and more preferably from 20.0 to 80.0 weight percent.
27. (Currently Amended) The use according to the preceding claim, characterized in that pharmaceutical agent of claim 26, wherein the preparation is employed orally, subcutaneously, intravenously, intramuscularly, intraperitoneally and/or topically.
28. (Currently Amended) The use according to any of claims 8 to 27, characterized in that at least one compound according to claim 1 and/or a method of claim 17, wherein the pharmaceutical agent according to any of claims 2 to 7 are is employed in overall amounts of more than 0.1 ~~g per kg~~ mg per kg body weight per 24 hours.
29. (Currently Amended) The use according to any of claims 8 to 28, characterized in that at least one compound according to claim 1 and/or a method of claim 28,

~~wherein the pharmaceutical agent according to any of claims 2 to 7 are~~ is
employed in overall amounts of 0.05 to 500 ~~g per kg~~ mg per kg, preferably 5 to
100 ~~g per kg~~ mg per kg body weight per 24 hours.

30. (Currently Amended) A method for the treatment of a tumor disease,
~~characterized in that comprising contacting~~
an organism is contacted with an effective amount of a compound according to
claim 1 ~~and/or a pharmaceutical agent according to any of claims 2 to 7.~~
31. (Currently Amended) ~~Use of the~~ A method for the inhibiting collagen IV and/or
glutathione S transferase (GST) comprising administering to a cell or person
benefiting from such inhibition a compound according to claim 1 ~~and/or the~~
~~pharmaceutical agent according to any of claims 2 to 7 for inhibiting in an~~
collagen IV and/or glutathione S transferase (GST) inhibiting amount.
32. (Currently Amended) A method for the preparation of a compound according to
claim 1,
~~characterized in that wherein~~
1-methyl-4-phenylaminocarbonyloxyproline ethyl ester is obtained by reacting 4-
hydroxy-1-methylproline ethyl ester and phenyl isocyanate in acetonitrile.
33. (Currently Amended) A method for the preparation of a compound according to
claim 1,
~~characterized in that wherein~~
1-methyl-4-phenylaminocarbonyloxyproline isobutyl ester is obtained by reacting
4-hydroxy-1-methylproline isobutyl ester and phenyl isocyanate in acetonitrile.
34. (Currently Amended) A method for the preparation of a compound according to
claim 1,
~~characterized in that wherein~~
4-hydroxy-1-methylproline is obtained by reacting 4-hydroxyproline in formalin
with Pd/C in a hydrogenation apparatus.

35. (Currently Amended) A method for the preparation of a compound according to claim 1,
~~characterized in that wherein~~
4-hydroxy-1-methylproline ethyl ester is obtained by reacting 4-hydroxyproline ethyl ester and formalin in ethanol.
36. (Currently Amended) A method for the preparation of a compound according to claim 1,
~~characterized in that wherein~~
4-hydroxy-1-methylproline isobutyl ester is obtained by reacting formalin, Pd/C and ethanol and 4-hydroxyproline isobutyl ester.
37. (Currently Amended) A method for the preparation of a compound according to claim 1,
~~characterized in that wherein~~
4-hydroxy-1-methylproline isobutyl ester is obtained by reacting formalin and 4-hydroxyproline isobutyl ester in the presence of Pd/C in ethanol.
38. (Currently Amended) A method for the preparation of a compound according to claim 1,
~~characterized in that wherein~~
cis-4-hydroxy-L-proline ethyl ester is obtained by contacting 4-hydroxyproline with HCl in ethanol.
39. (Currently Amended) A method for the preparation of a compound according to claim 1,
~~characterized in that wherein~~
cis-4-hydroxy-L-proline isobutyl ester is obtained by reacting 4-hydroxyproline in isobutanol.
40. (Currently Amended) A method for the preparation of a compound according to

claim 1,

~~characterized in that wherein~~

4-hydroxy-1,1-dimethylproline ethyl ester iodide is obtained by reacting hydroxyproline ethyl ester in acetonitrile, methyl iodide and triethylamine.

41. (Currently Amended) A method for the preparation of a compound according to claim 1,

~~characterized in that wherein~~

4-hydroxy-1,1-dimethylproline isobutyl ester iodide is obtained by reacting 4-hydroxyproline isobutyl ester and methyl iodide in triethylamine and acetonitrile.

42. (Currently Amended) A method for the preparation of a compound according to claim 1,

~~characterized in that wherein~~

4-hydroxy-1-alkylproline ester bromide is obtained by suspending 4-hydroxyproline ester in acetonitrile and contacting with the corresponding alkyl bromide in the presence of ether.

43. (Currently Amended) A method for the preparation of a compound according to claim 1,

~~characterized in that wherein~~

4-hydroxy-1-cyclohexylproline isobutyl ester is obtained by dissolving the corresponding hydrobromide in chloroform and contacting with gaseous ammonia.

44. (Currently Amended) A method for the preparation of a compound according to claim 1,

~~characterized in that wherein~~

4-hydroxy-1-diphenylmethylproline isobutyl ester hydrobromide is obtained by contacting 4-hydroxyproline isobutyl ester, methyl iodide, triethylamine in acetonitrile.

45. (Currently Amended) A kit comprising at least one compound according to claim 1 ~~and/or a pharmaceutical agent according to any of claims 2 to 7~~, optionally together with information for combining the contents of the kit.
46. (Cancelled)